






SAPES
DRIVING COMPONENTS

PUSHRODS

PRODUCTION AREA

Cold forging section

APPLICATIONS

-  Transport vehicles
-  Agricultural vehicles
-  Earth moving equipment

FUNCTION AND CRITICALITY

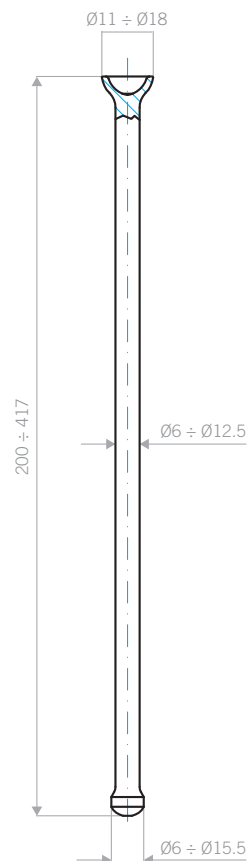
This component has the task to operate the valve opening on the large cylinder diesel engines. On the automotive engines it has been replaced by the shifting of the camshaft on the engine head, however until nowadays the system of which it is part results more reliable and is, therefore, preferred on engines which require more extended intervals between different maintenance jobs as on the above listed engines.

MARKET/CUSTOMERS

Major producers like FPT Industrial, MAN, Liebherr, FCA VM Motori and Isotta Fraschini Motori.

COMMENTS

The technology developed by Sapes is the cold extrusion of a sole steel bar, whereas all the other European manufacturers are still using the system of joining the end parts by means of welding. The process used by Sapes offers lower production costs and moreover avoids the criticality regarding the integrity of the joined component.



SOLID PUSHROD



HOLLOW PUSHROD

SAPES S.P.A.

Registered Office:
Via E. Miglio, 11 - 38089 - Storo (TN) - Italy
Tel.: +39 0465 686100 - Fax: +39 0465 686474

Via Roma, 160 - 38083 - Borgo Chiese (TN) - Italy
Tel.: +39 0465 622066 - Fax: +39 0465 622067

sapes@sapes.eu
www.sapes.eu